

L Number	Hits	Search Text	DB	Time stamp
1	0	gardella-thomas-j.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/04 14:09
2	7	kronenberg-henry-m.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/04 14:09
3	8	gardella-thomas-j.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/04 14:09
4	1	potts-john-t.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/04 14:09
5	8	juppner-harald.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/04 14:10
6	534	parathyroid same hormone same derivative	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/04 14:10

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NEWS 4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 7	Sep 03	JAPIO has been reloaded and enhanced
NEWS 8	Sep 16	Experimental properties added to the REGISTRY file
NEWS 9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
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NEWS 12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
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NEWS 14	Nov 25	More calculated properties added to REGISTRY
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NEWS 41	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT  
 MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
 AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003  
 NEWS HOURS STN Operating Hours Plus Help Desk Availability  
 NEWS INTER General Internet Information  
 NEWS LOGIN Welcome Banner and News Items  
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
 NEWS WWW CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 14:33:57 ON 04 JUN 2003

=> file medline biosis embase caplus  
 COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 14:34:15 ON 04 JUN 2003

FILE 'BIOSIS' ENTERED AT 14:34:15 ON 04 JUN 2003  
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 COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> s gardella thomas j /au  
 L1 86 GARDELLA THOMAS J

=> s kronenberg henry m /au  
 L2 172 KRONENBERG HENRY M

=> s potts john t /au  
 L3 10 POTTS JOHN T

=> s juppner harald /au  
 L4 152 JUPPNER HARALD

	SINCE FILE	TOTAL
	ENTRY	SESSION
=> file registry		
COST IN U.S. DOLLARS		
FULL ESTIMATED COST	9.69	9.90

FILE 'REGISTRY' ENTERED AT 14:35:42 ON 04 JUN 2003  
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STRUCTURE FILE UPDATES: 3 JUN 2003 HIGHEST RN 524916-37-8  
DICTIONARY FILE UPDATES: 3 JUN 2003 HIGHEST RN 524916-37-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
PROPERTIES for more information. See STNote 27, Searching Properties  
in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

```
=> s avaeiqlmhalrkf/sqsp
L5      0 AVAEIQLMHALRKF/SQSP

=> s avaeiqlmhalrkw/sqsp
L6      0 AVAEIQLMHALRKW/SQSP

=> s avaeiqlmhalakw/sqsp
L7      0 AVAEIQLMHALAKW/SQSP

=> s avaeiqlmhalakf/sqsp
L8      0 AVAEIQLMHALAKF/SQSP

=> s avaeiqlmhdlakf/sqsp
L9      0 AVAEIQLMHDLAKF/SQSP

=> s avaeiqlmhqlakf/sqsp
L10     0 AVAEIQLMHQLAKF/SQSP

=> s avaeiqlmhqlakw/sqsp
L11     0 AVAEIQLMHQLAKW/SQSP

=> s avaeiqlmhqrakw/sqsp
L12     0 AVAEIQLMHQRAKW/SQSP

=> s avaeiqlmharakw/sqsp
L13     2 AVAEIQLMHARAKW/SQSP

=> s avaeiqlmharakf/sqsp
L14     0 AVAEIQLMHARAKF/SQSP

=> s avaeiqlmharrkw/sqsp
L15     0 AVAEIQLMHARRKW/SQSP

=> s avaeiqlmharrkf/sqsp
L16     0 AVAEIQLMHARRKF/SQSP

=> s avaeiqlmhxxxkx/sqsp
L17     9 AVAEIQLMHXXXKX/SQSP

=> d his
```

(FILE 'HOME' ENTERED AT 14:33:57 ON 04 JUN 2003)

FILE 'MEDLINE, BIOSIS, EMBASE, CAPLUS' ENTERED AT 14:34:15 ON 04 JUN 2003

```
L1      86 S GARDELLA THOMAS J /AU
L2      172 S KRONENBERG HENRY M /AU
L3      10 S POTTS JOHN T /AU
L4      152 S JUPPNER HARALD /AU
```

FILE 'REGISTRY' ENTERED AT 14:35:42 ON 04 JUN 2003

L5	0 S AVAEIQLMHALRKF/SQSP
L6	0 S AVAEIQLMHALRKW/SQSP
L7	0 S AVAEIQLMHALAKW/SQSP
L8	0 S AVAEIQLMHALAKF/SQSP
L9	0 S AVAEIQLMHD LAKF/SQSP
L10	0 S AVAEIQLMHQLAKF/SQSP
L11	0 S AVAEIQLMHQLAKW/SQSP
L12	0 S AVAEIQLMHQRAKW/SQSP
L13	2 S AVAEIQLMHARAKW/SQSP
L14	0 S AVAEIQLMHARAKF/SQSP
L15	0 S AVAEIQLMHARRKW/SQSP
L16	0 S AVAEIQLMHARRKF/SQSP
L17	9 S AVAEIQLMHXXXKX/SQSP

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

348.50

358.40

FILE 'CAPLUS' ENTERED AT 14:41:44 ON 04 JUN 2003

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FILE COVERS 1907 - 4 Jun 2003 VOL 138 ISS 23

FILE LAST UPDATED: 3 Jun 2003 (20030603/ED)

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=> d his

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FILE 'MEDLINE, BIOSIS, EMBASE, CAPLUS' ENTERED AT 14:34:15 ON 04 JUN 2003

L1	86 S GARDELLA THOMAS J /AU
L2	172 S KRONENBERG HENRY M /AU
L3	10 S POTTS JOHN T /AU
L4	152 S JUPPNER HARALD /AU

FILE 'REGISTRY' ENTERED AT 14:35:42 ON 04 JUN 2003

L5	0 S AVAEIQLMHALRKF/SQSP
L6	0 S AVAEIQLMHALRKW/SQSP
L7	0 S AVAEIQLMHALAKW/SQSP
L8	0 S AVAEIQLMHALAKF/SQSP
L9	0 S AVAEIQLMHD LAKF/SQSP
L10	0 S AVAEIQLMHQLAKF/SQSP
L11	0 S AVAEIQLMHQLAKW/SQSP
L12	0 S AVAEIQLMHQRAKW/SQSP
L13	2 S AVAEIQLMHARAKW/SQSP

L14 0 S AVAEIQLMHARAKF/SQSP  
L15 0 S AVAEIQLMHARRKW/SQSP  
L16 0 S AVAEIQLMHARRKF/SQSP  
L17 9 S AVAEIQLMHXXXKX/SQSP

FILE 'CAPLUS' ENTERED AT 14:41:44 ON 04 JUN 2003

=> s l13

L18 5 L13

=> s l17

L19 1 L17

=> dup rem l18

PROCESSING COMPLETED FOR L18

L20 5 DUP REM L18 (0 DUPLICATES REMOVED)

=> d l20 total ibib

L20 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:247456 CAPLUS

DOCUMENT NUMBER: 134:276166

TITLE: Preparation of polypeptide derivatives of parathyroid hormone (PTH) and their use in diagnosis and therapy of bone resorption disorders

INVENTOR(S): Gardella, Thomas J.; Kronenberg, Henry M.; Potts, John T., Jr.; Juppner, Harald

PATENT ASSIGNEE(S): The General Hospital Corporation, USA

SOURCE: PCT Int. Appl., 97 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001023521	A2	20010405	WO 2000-US26818	20000929
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2000077348	A5	20010430	AU 2000-77348	20000929
PRIORITY APPLN. INFO.:				
			US 1999-156927P	P 19990929
			US 2000-185060P	P 20000225
			WO 2000-US26818	W 20000929
OTHER SOURCE(S): MARPAT 134:276166				

L20 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:247375 CAPLUS

DOCUMENT NUMBER: 134:276165

TITLE: Polypeptide derivatives of parathyroid hormone for the treatment of bone and cartilage disorders

INVENTOR(S): Gardella, Thomas J.; Kronenberg, Henry M.; Potts, John T.; Jueppner, Harald

PATENT ASSIGNEE(S): The General Hospital Corporation, USA

SOURCE: PCT Int. Appl., 100 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001023427	A1	20010405	WO 2000-US4716	20000225
W: CA, JP				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1222208	A1	20020717	EP 2000-910323	20000225
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
JP 2003511014	T2	20030325	JP 2001-526577	20000225
PRIORITY APPLN. INFO.: US 1999-156927P P 19990929				
WO 2000-US4716 W 20000225				
OTHER SOURCE(S): MARPAT 134:276165				
REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L20 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:473648 CAPLUS  
DOCUMENT NUMBER: 135:205634  
TITLE: Enhanced activity in parathyroid hormone-(1-14) and -(1-11): novel peptides for probing ligand-receptor interactions  
AUTHOR(S): Shimizu, Masaru; Carter, Percy H.; Khatri, Ashok; Potts, John T., Jr.; Gardella, Thomas J.  
CORPORATE SOURCE: Endocrine Unit, Massachusetts General Hospital and Harvard Medical School, Boston, MA, 02114, USA  
SOURCE: Endocrinology (2001), 142(7), 3068-3074  
CODEN: ENDOAO; ISSN: 0013-7227  
PUBLISHER: Endocrine Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:694423 CAPLUS  
DOCUMENT NUMBER: 135:353089  
TITLE: Parathyroid hormone receptor internalization is independent of protein kinase A and phospholipase C activation  
AUTHOR(S): Tawfeek, Hesham A. W.; Che, Jian; Qian, Fang; Abou-Samra, Abdul B.  
CORPORATE SOURCE: Endocrine Unit, Massachusetts General Hospital and Harvard Medical School, Boston, MA, 02114, USA  
SOURCE: American Journal of Physiology (2001), 281(3, Pt. 1), E545-E557  
CODEN: AJPHAP; ISSN: 0002-9513  
PUBLISHER: American Physiological Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 76 THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:515055 CAPLUS  
DOCUMENT NUMBER: 133:247378  
TITLE: Minimization of parathyroid hormone. Novel amino-terminal parathyroid hormone fragments with enhanced potency in activating the type-1 parathyroid hormone receptor

AUTHOR(S): Shimizu, Masaru; Potts, John T., Jr.; Gardella, Thomas J.  
 CORPORATE SOURCE: Endocrine Unit, Massachusetts General Hospital and Harvard Medical School, Boston, MA, 02114, USA  
 SOURCE: Journal of Biological Chemistry (2000), 275(29), 21836-21843  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PUBLISHER: American Society for Biochemistry and Molecular Biology  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 119 total ibib

L19 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2001:247375 CAPLUS  
 DOCUMENT NUMBER: 134:276165  
 TITLE: Polypeptide derivatives of parathyroid hormone for the treatment of bone and cartilage disorders  
 INVENTOR(S): Gardella, Thomas J.; Kronenberg, Henry M.; Potts, John T.; Jueppner, Harald  
 PATENT ASSIGNEE(S): The General Hospital Corporation, USA  
 SOURCE: PCT Int. Appl., 100 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001023427	A1	20010405	WO 2000-US4716	20000225
W: CA, JP				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
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PRIORITY APPLN. INFO.: US 1999-156927P P 19990929				
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OTHER SOURCE(S): MARPAT 134:276165				
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NEWS 23	Feb 24	TEMA now available on STN
NEWS 24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 25	Feb 26	PCTFULL now contains images
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NEWS 27	Mar 20	EVENTLINE will be removed from STN
NEWS 28	Mar 24	PATDPAFULL now available on STN
NEWS 29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
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NEWS 31	Apr 14	MEDLINE Reload
NEWS 32	Apr 17	Polymer searching in REGISTRY enhanced
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NEWS 35	Apr 28	RDISCLOSURE now available on STN
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NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 14:52:27 ON 04 JUN 2003

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 14:52:36 ON 04 JUN 2003

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STRUCTURE FILE UPDATES: 3 JUN 2003 HIGHEST RN 524916-37-8

DICTIONARY FILE UPDATES: 3 JUN 2003 HIGHEST RN 524916-37-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s avaeiqlmh/sqsp

L1 65 AVAEIQLMH/SQSP

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

27.30

27.51

FILE 'CAPLUS' ENTERED AT 14:53:53 ON 04 JUN 2003

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FILE COVERS 1907 - 4 Jun 2003 VOL 138 ISS 23  
FILE LAST UPDATED: 3 Jun 2003 (20030603/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 14:52:27 ON 04 JUN 2003)

FILE 'REGISTRY' ENTERED AT 14:52:36 ON 04 JUN 2003  
L1 65 S AVAEIQLMH/SQSP

FILE 'CAPLUS' ENTERED AT 14:53:53 ON 04 JUN 2003

=> s l1

L2 14 L1

=> dup rem l2

PROCESSING COMPLETED FOR L2

L3 14 DUP REM L2 (0 DUPLICATES REMOVED)

=> d l3 total ibib

L3 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2003:84125 CAPLUS

DOCUMENT NUMBER: 138:281271

TITLE: Functional Evidence for an Intramolecular Side Chain Interaction between Residues 6 and 10 of Receptor-Bound Parathyroid Hormone Analogues  
AUTHOR(S): Shimizu, Naoto; Petroni, Brian D.; Khatri, Ashok; Gardella, Thomas J.

CORPORATE SOURCE: Endocrine Unit, Massachusetts General Hospital, Boston, MA, 02114, USA

SOURCE: Biochemistry (2003), 42(8), 2282-2290

CODEN: BICHAW; ISSN: 0006-2960

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:760607 CAPLUS

DOCUMENT NUMBER: 138:33479

TITLE: Residue 19 of the parathyroid hormone (PTH) modulates ligand interaction with the juxtamembrane region of the PTH-1 receptor

AUTHOR(S): Shimizu, Masaru; Shimizu, Naoto; Tsang, Janet C.; Petroni, Brian D.; Khatri, Ashok; Potts, John T., Jr.; Gardella, Thomas J.

CORPORATE SOURCE: Endocrine Unit, Massachusetts General Hospital and Harvard Medical School, Boston, MA, 02114, USA

SOURCE: Biochemistry (2002), 41(44), 13224-13233  
 CODEN: BICHAW; ISSN: 0006-2960  
 PUBLISHER: American Chemical Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2002:760606 CAPLUS  
 DOCUMENT NUMBER: 138:419  
 TITLE: Residue 19 of the Parathyroid Hormone: Structural  
 Consequences  
 AUTHOR(S): Piserchio, Andrea; Shimizu, Naoto; Gardella, Thomas  
 J.; Mierke, Dale F.  
 CORPORATE SOURCE: Department of Chemistry, Division of Biology &  
 Medicine, Brown University, Providence, RI, 02912, USA  
 SOURCE: Biochemistry (2002), 41(44), 13217-13223  
 CODEN: BICHAW; ISSN: 0006-2960  
 PUBLISHER: American Chemical Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2001:247456 CAPLUS  
 DOCUMENT NUMBER: 134:276166  
 TITLE: Preparation of polypeptide derivatives of parathyroid  
 hormone (PTH) and their use in diagnosis and therapy  
 of bone resorption disorders  
 INVENTOR(S): Gardella, Thomas J.; Kronenberg, Henry M.; Potts, John  
 T., Jr.; Juppner, Harald  
 PATENT ASSIGNEE(S): The General Hospital Corporation, USA  
 SOURCE: PCT Int. Appl., 97 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001023521	A2	20010405	WO 2000-US26818	20000929
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 2000077348	A5	20010430	AU 2000-77348	20000929
PRIORITY APPLN. INFO.:			US 1999-156927P	P 19990929
			US 2000-185060P	P 20000225
			WO 2000-US26818	W 20000929
OTHER SOURCE(S):	MARPAT 134:276166			

L3 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2001:247375 CAPLUS  
 DOCUMENT NUMBER: 134:276165  
 TITLE: Polypeptide derivatives of parathyroid hormone for the  
 treatment of bone and cartilage disorders

INVENTOR(S): Gardella, Thomas J.; Kronenberg, Henry M.; Potts, John T.; Jueppner, Harald  
 PATENT ASSIGNEE(S): The General Hospital Corporation, USA  
 SOURCE: PCT Int. Appl., 100 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001023427	A1	20010405	WO 2000-US4716	20000225
W: CA, JP				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1222208	A1	20020717	EP 2000-910323	20000225
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
JP 2003511014	T2	20030325	JP 2001-526577	20000225
PRIORITY APPLN. INFO.:			US 1999-156927P	P 19990929
			WO 2000-US4716	W 20000225
OTHER SOURCE(S):		MARPAT 134:276165		
REFERENCE COUNT:		16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L3 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2002:43337 CAPLUS  
 DOCUMENT NUMBER: 136:241809  
 TITLE: Parathyroid hormone (PTH)-(1-14) and -(1-11) analogs conformationally constrained by .alpha.-aminoisobutyric acid mediate full agonist responses via the juxtamembrane region of the PTH-1 receptor Shimizu, Naoto; Guo, Jun; Gardella, Thomas J.  
 AUTHOR(S):  
 CORPORATE SOURCE: Endocrine Unit, Massachusetts General Hospital and Harvard Medical School, Boston, MA, 02114, USA  
 SOURCE: Journal of Biological Chemistry (2001), 276(52), 49003-49012  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PUBLISHER: American Society for Biochemistry and Molecular Biology  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2001:216266 CAPLUS  
 DOCUMENT NUMBER: 134:305466  
 TITLE: Evaluating the signal transduction mechanism of the parathyroid hormone 1 receptor. Effect of receptor-G-protein interaction on the ligand binding mechanism and receptor conformation  
 AUTHOR(S): Hoare, Sam R. J.; Gardella, Thomas J.; Usdin, Ted B.  
 CORPORATE SOURCE: Unit on Cell Biology, Laboratory of Genetics, National Institute of Mental Health, Bethesda, MD, 20892-4092, USA  
 SOURCE: Journal of Biological Chemistry (2001), 276(11), 7741-7753  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PUBLISHER: American Society for Biochemistry and Molecular Biology  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

REFERENCE COUNT: 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:473648 CAPLUS

DOCUMENT NUMBER: 135:205634

TITLE: Enhanced activity in parathyroid hormone-(1-14) and - (1-11): novel peptides for probing ligand-receptor interactions

AUTHOR(S): Shimizu, Masaru; Carter, Percy H.; Khatri, Ashok; Potts, John T., Jr.; Gardella, Thomas J.

CORPORATE SOURCE: Endocrine Unit, Massachusetts General Hospital and Harvard Medical School, Boston, MA, 02114, USA

SOURCE: Endocrinology (2001), 142(7), 3068-3074

CODEN: ENDOAO; ISSN: 0013-7227

PUBLISHER: Endocrine Society

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:692637 CAPLUS

DOCUMENT NUMBER: 138:131299

TITLE: Minimization of parathyroid hormone using simultaneous multiple peptide synthesis: implications for structure based drug design

AUTHOR(S): Khatri, Ashok; Huang, Xiang-Chen; Petroni, Brian D.; Gardella, Thomas J.

CORPORATE SOURCE: Massachusetts General Hospital, Boston, MA, 02114, USA

SOURCE: Peptides: The Wave of the Future, Proceedings of the Second International and the Seventeenth American Peptide Symposium, San Diego, CA, United States, June 9-14, 2001 (2001), 890-891. Editor(s): Lebl, Michal; Houghten, Richard A. American Peptide Society: San Diego, Calif.

CODEN: 69DBAL; ISBN: 0-9715560-0-8

DOCUMENT TYPE: Conference

LANGUAGE: English

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:694423 CAPLUS

DOCUMENT NUMBER: 135:353089

TITLE: Parathyroid hormone receptor internalization is independent of protein kinase A and phospholipase C activation

AUTHOR(S): Tawfeek, Hesham A. W.; Che, Jian; Qian, Fang; Abou-Samra, Abdul B.

CORPORATE SOURCE: Endocrine Unit, Massachusetts General Hospital and Harvard Medical School, Boston, MA, 02114, USA

SOURCE: American Journal of Physiology (2001), 281(3, Pt. 1), E545-E557

CODEN: AJPHAP; ISSN: 0002-9513

PUBLISHER: American Physiological Society

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 76 THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:293253 CAPLUS

DOCUMENT NUMBER: 135:56189

TITLE: Zinc(II)-mediated enhancement of the agonist activity of histidine-substituted parathyroid hormone(1-14) analogues  
AUTHOR(S): Carter, P. H.; Gardella, T. J.  
CORPORATE SOURCE: Endocrine Unit, Massachusetts General Hospital and Harvard Medical School, Boston, MA, 02114, USA  
SOURCE: Biochimica et Biophysica Acta (2001), 1538(2-3), 290-304  
CODEN: BBACAQ; ISSN: 0006-3002  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:515055 CAPLUS  
DOCUMENT NUMBER: 133:247378  
TITLE: Minimization of parathyroid hormone. Novel amino-terminal parathyroid hormone fragments with enhanced potency in activating the type-1 parathyroid hormone receptor  
AUTHOR(S): Shimizu, Masaru; Potts, John T., Jr.; Gardella, Thomas J.  
CORPORATE SOURCE: Endocrine Unit, Massachusetts General Hospital and Harvard Medical School, Boston, MA, 02114, USA  
SOURCE: Journal of Biological Chemistry (2000), 275(29), 21836-21843  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:472217 CAPLUS  
DOCUMENT NUMBER: 133:188268  
TITLE: Autoactivation of type-1 parathyroid hormone receptors containing a tethered ligand  
AUTHOR(S): Shimizu, Masaru; Carter, Percy H.; Gardella, Thomas J.  
CORPORATE SOURCE: Endocrine Unit, Massachusetts General Hospital and Harvard Medical School, Boston, MA, 02114, USA  
SOURCE: Journal of Biological Chemistry (2000), 275(26), 19456-19460  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1999:288751 CAPLUS  
DOCUMENT NUMBER: 131:83087  
TITLE: The (1-14) fragment of parathyroid hormone (PTH) activates intact and amino-terminally truncated PTH-1 receptors  
AUTHOR(S): Luck, Michael D.; Carter, Percy H.; Gardella, Thomas J.  
CORPORATE SOURCE: Endocrine Unit, Massachusetts General Hospital and Harvard Medical School, Boston, MA, 02114, USA

SOURCE:

Molecular Endocrinology (1999), 13(5), 670-680

PUBLISHER:

CODEN: MOENEN; ISSN: 0888-8809

DOCUMENT TYPE:

Endocrine Society

LANGUAGE:

Journal

REFERENCE COUNT:

English

55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT